Data4
SMART & SCALABLE DATA CENTERS

MIL - DC12

RIBA3 - Stage

T04 - GENSETS - Data Sheet - FUEL EQUIPEMENT

Date : 31/08/2024

Reference : T-TD23059-55-A

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A	31/08/2024	First emission	☒ M.FUENTES	☒ C.MOUCADEAU	☒ A.FONTAINE
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

☒ *: document verified / approved*

CLIENT	CAMPUS	PROJECT	PHASE	TRADE	AUTHOR	TYPE	STEP	LEVEL	NUMBER	VERSION
D4	MIL	DC12	RB3	T04	CAP	DSH	ALL	ALL	003	A

Rotatron RJ 500 Litres Tank

General Specifications:

Brand: Rotatron

Model: RJ 500 Litres

Capacity: 500 Litres

Material: High-Density Polyethylene (HDPE)

Color: Varies (typically available in natural, blue, green, and black)

Physical Dimensions:

Height: 1100 mm

Diameter: 800 mm

Weight: Approximately 20 kg

Design Features:

Shape: Cylindrical

Wall Thickness: Varies between 4-6 mm depending on the area for added strength

Top Opening Diameter: 400 mm (approx)

Bottom Outlet Diameter: 50 mm (approx), usually threaded for easy connection

ROTATRON INDUSTRIE

Rotatron RJ 500 Litres Tank

Functional Specifications:

UV Stabilization: Yes, suitable for outdoor use

Temperature Range: -40°C to +60°C

Chemical Resistance: Resistant to most acids, alkalis, and chemicals commonly found in storage applications

Accessories:

Lid: Screw-on or snap-on lid (depending on model)

Outlet Valve: Typically provided, made from durable plastic or brass

Handles: Molded into the body for easy transportation and handling

Certifications:

ISO 9001: Manufacturing process certified

FDA Approved Material: Suitable for potable water storage

RoHS Compliant: Free from hazardous substances

Applications:

Water Storage: For domestic, agricultural, and industrial use

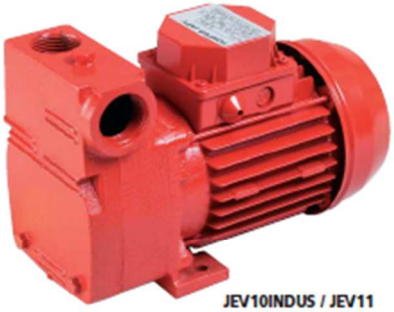
Chemical Storage: Suitable for storing a variety of chemicals

Rainwater Harvesting: Can be integrated into rainwater harvesting systems

Industrial Processes: Used in various industrial applications for liquid storage

ROTATRON INDUSTRIE

> POMPES ÉLECTRIQUES GASOIL
JEV10INDUS / JEV10DOM / JEV11

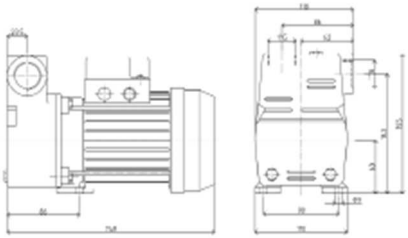


JEV10INDUS / JEV11

JEV10DOM

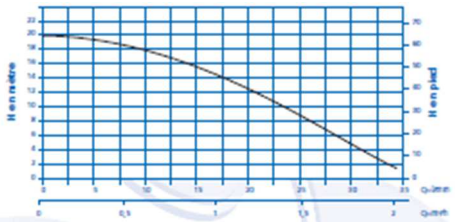
COMPOSANTS :
Corps de pompe : fonte
Turbine : laiton

CARACTÉRISTIQUES DE LA POMPE :
Hauteur d'aspiration maximale : 6 m
Débit maximum : 2,2 m³/h
Pression maximale : 2 bars
Ø aspiration & refoulement : 1"
Poids : 9 Kg
By-pass incorporé sur pompe avec moteur monophasé



CARACTÉRISTIQUES DU MOTEUR :
Fréquence : 50 Hz
Protection : IP44
Option : pompe bi-fréquences (50/60 Hz), tropicalisée

RÉFÉRENCE	TYPE	PUISSANCE EN KW	TENSION EN VOLT	INTENSITÉ EN AMPÈRE	VITESSE DE ROTATION
JEV10	Monophasé	0,37	230	2,4	2800 tr/mn
JEV11	Triphasé	0,37	230	1,6	2800 tr/mn
JEV11	Triphasé	0,37	400	0,8	2800 tr/mn



ACCESSOIRES COMPLÉMENTAIRES :

Équipement aspiration
Longueur standard 1 m
Réf. : **AS32**

Compteur
Réf. : **K33**

Équipement refoulement
Longueur standard 4 m
Réf. : **RF25**
Option : pistolet automatique

Cartouche filtrant l'eau
et les impuretés
Réf. : **TUF460**

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POMPES JAPY - Parc d'activités du Moulin - B.P. 15 - 25490 FESCHES-LE-CHATEL
Tél. 03 81 96 16 47 - Fax 03 81 96 12 16 - www.pompes-japy.fr - Sous réserve de modification sans préavis.

Underground tank Steel

OPTIONS :

- Slab frame
- Steel socket with aluminium cover
- HDPE ICPE extension
- Additional manhole cover
- Fill limiter
- Aspiration
- Landfill
- Manual / electronic gauge
- Event

Underground tanks Steel

SLAB FRAME :
It is made up of a set of metal elements consisting of HEA and IPE beams, welded wire mesh and concrete reinforcing bars.

It is secured to the tank at the factory using plastic-coated galvanised cable anchoring belts.

THE FOUILLE :
Avoids the need for people to intervene at the bottom of an excavation, where there is a constant risk of landslides.

It is no longer necessary to build the foundation slab beforehand, with the anchor points that support and ballast the tanks.

It is also no longer necessary to descend to the bottom of the excavation once the tank is in place to strap it down.

INSTALLATION:
Allows you to reduce tank installation time by simultaneously carrying out the installation work.

There's no need to build a base slab beforehand: the tank is installed using a crane, then the concrete is poured directly into the pit, with the tank already secured to the reinforcement of the slab.

Mini compartment	Capacity (litres)	Diameter (metres)	Length (Metres)	Weight (Kg)	Mini compartment	Capacity (litres)	Diameter (metres)	Length (Metres)	Weight (Kg)
1500 L	1500	1,258	1,59	470	3000 L	20000	2,512	4,67	3500
	2000	1,258	1,99	590		25000	2,512	5,69	4150
	3000	1,258	2,84	800		30000	2,512	6,76	4850
	4000	1,258	3,71	990		40000	2,512	8,78	6200
1500 L	5000	1,508	3,26	1110		50000	2,512	10,75	7500
	6000	1,508	3,89	1340		60000	2,512	12,94	8900
	8000	1,508	5,07	1695		70000	2,512	14,97	10300
	10000	1,508	6,19	1965	10000 L	40000	3,012	6,44	6180
3000 L	8000	1,908	3,39	1695		50000	3,012	7,74	7250
	10000	1,908	4,04	1965		60000	3,012	9,16	8480
	12000	1,908	4,79	2270		80000	3,012	12,10	10950
	15000	1,908	5,83	2780		100000	3,012	14,89	13980
						120000	3,012	17,77	17100

FORECOURTS
CRITICAL POWER SUPPLY
TRANSPORT REFUELLING
DATA CENTRES
Typical fuel pipes, model to be validated at further stage of the project.
Durapipe
PLX
Safe Pipework for Fuel
Technical Data & Dimensions

Durapipe PLX
Safe Pipework for Fuel

PIPEWORK FOR FUEL

Durapipe PLX is a complete range of dedicated fusion-welded pipework systems for the safe transfer of liquid fuels and their vapours. Suitable for use with leaded, unleaded petroleum, including ethanol rich alternative fuels (E85), diesel, bio-diesel and fuel oils.

PLX is commonly used in forecourts and is also used for critical power applications for hospitals, data centres, prisons and banks.

The Durapipe PLX range was originally developed over 20-years ago and through continuous product innovation, PLX plastic piping offers the ultimate in environmental protection with maximum protection against permeation and leak free joints when transferring fuel.

Durapipe PLX is fully compliant with the Energy Institute (Institute of Petroleum Performance systems), rigorous EN testing and other worldwide recognised standards.

We also offer PLX Blue – a pipe system purpose designed to convey AdBlue®/DEF.

With the ever-increasing use of AdBlue®/DEF to lower NOx concentrations in the exhaust emissions of diesel engines, a high quality pipework system is required to convey the solution from tank to pump. PLX Blue offers the choice of both single wall and dual contained, giving the option to be monitored for leak detection if required and offering peace of mind to the installer and client alike.

Key Product Information
- 10 bar pressure rating
- Temperature Rating: -20°C to 50°C
- Secondary containment system
- 30 year design life
- Size Range: 32mm to 315mm
- Electrofusion system

Typical Applications
- Critical/emergency power supply
- Oil-fired equipment
- Commercial and public transport refuelling

Key Product Features
- Suitable for pressure and vacuum applications
- Resists fuel permeation
- Corrosion resistant
- Protects the environment
- Easy to install